

# Camillia Amin

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A well-rounded student who is motivated by challenges and dedicated to quality and excellence.

## TECHNICAL SKILLS

<b>Languages</b>	Python, Java, C++, SQL, HTML, CSS, JavaScript, Bash, Prolog, Common LISP
<b>Development Tools</b>	Git, GitHub, Node.js, React*, Kotlin*, Eclipse, Slime, Visual Studio Code, Vim
<b>Operating Systems</b>	Windows, Linux/UNIX
<b>Applications</b>	Citrix (Studio, Director, Workspace, Provisioning Console, ControlUp), VMWare, HyperV, IGEL UMS, Microsoft Office Suite (Word, Excel, PowerPoint), Oracle SQL Developer, Adobe Premiere & Photoshop

\*Currently learning

## SOFT SKILLS

- Excellent verbal and written **communication skills** proven when delivering presentations to more than 60 students and faculty within the Ryerson Science Society and creating a Sponsorship Package for Women in Computer Science, increasing the organization's presence and funding
- Exercised **problem-solving skills** and analytical thinking throughout all stages of the SDLC for a Java-based project, collecting technical knowledge from academic and external resources, enhancing the program design, and using debugging tools to identify the root cause of each encountered error
- Showed effective **interpersonal skills** as a Systems Analyst at RBC; swiftly addressed the technical challenges faced by over 200 end-users when accessing Citrix workspace, guaranteeing end-user satisfaction
- Demonstrated effective **collaboration skills** while coordinating research between a small group of 3 students to analyse the UX of a popular advertising website and write a recommendation report based on the principles of web accessibility, guiding the team to achieve a grade of 90%
- Strong **time management skills** evident through balancing high academic performance, self-learning new technologies, and development of personal projects
- Highly adaptable and eager to learn new technologies

## EXPERIENCE

### Systems Analyst

May 2022 – Aug 2022

Royal Bank of Canada

- Demonstrated highly adaptive skills by actively supporting RBC employees relying on the myVirtual environments for remote access. Effectively utilized various desktop virtualization tools to resolve over 200 incidents
- Implemented changes to maintain and update 15+ servers, thoroughly verifying that master servers are compliant with security measures and package requirements, hotfixes, patches, and application versions, before replicating the master image across the data centres
- Reduced the inventory of 194 external and outdated IGEL OS thin-client computers in North America by 81.4% in 2 weeks, systematically contacting users to push updates, before the FTP connection termination date

## EDUCATION

### Toronto Metropolitan University

Sept 2020 – May 2025

Toronto, ON

Bachelor of Science Honours, Computer Science

- Faculty of Science Dean's List for 2020-2021 and 2021-2022
- Coursework in Python, Java, and C programming, Database Fundamentals, Data Structures, Discrete Structures, Operating Systems, Web Development, Artificial Intelligence, UNIX/Linux
- Awarded Renewable Scholarship for maintaining a 4.15 CGPA for 2020-2021 and 2021-2022
- Extracurricular involvement: VP of Events and Operations for Women in Computer Science

## PROJECTS

### Flight Reservation System

 [GitHub](#)

*Java*

- Developed a command-line based program that allows users to view flight status, seat availability, and make and cancel flight reservations
- Implemented OOP concepts such as encapsulation, polymorphism, inheritance, and the Comparable and Comparator interfaces, while maintaining readable, efficient, and reusable code
- Thoroughly debugged and tested code and used custom exception handling to maintain high-quality code, achieving a grade of 100%

### Memory Card Game

 [Netlify](#)

*JavaScript, Bootstrap, HTML5, CSS, Netlify*

- Created a web-based memory card game that tracks the duration and number of moves of each round
- Modified event listeners using WebKit to secure functionality on both MacOS and Windows
- Configured CSS media queries to ensure proper formatting for both mobile and desktop devices

### HR Payroll Data Base Management System

*SQL, Oracle SQL Developer*

- Collaborated with two other students to design a DBMS that stores and allows HR to effectively update and view employee-related information, including personal, department, and salary information, as well as wage and employment history
- Implemented tables based on a schema that complies with the third normal form to remove the partial and transitive dependency, reducing data redundancy
- Created views to allow HR staff of various clearances to access employee information based on levels of data sensitivity

## HOBBIES

- Calligraphy
- American Sign Language
- Longboarding